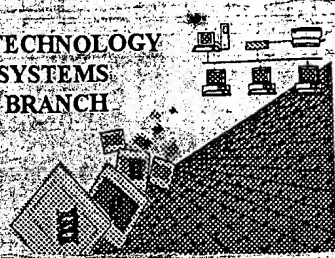


RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/424,347A
Source: 1600
Date Processed by STIC: 5/29/2002

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FOR CRE SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

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TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER** VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
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3. Hand Carry directly to:
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1600

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/424,347A

DATE: 05/29/2002

TIME: 16:32:18

Input Set : A:\49429seq.txt

Output Set: N:\CRF3\05292002\I424347A.raw

Does Not Comply
Corrected Diskette Needed

4 <110> APPLICANT: ENDOU, Hitoshi
5 KANAI, Yoshikatsu
6 SEKINE, Takashi
7 HOSoyAMADA, Makoto
9 <120> TITLE OF INVENTION: ORGANIC ANION TRANSPORTER AND GENE
10 CODING FOR THE SAME
12 <130> FILE REFERENCE: 49429 (71526)
14 <140> CURRENT APPLICATION NUMBER: 09/424,347A
15 <141> CURRENT FILING DATE: 2000-07-18
17 <150> PRIOR APPLICATION NUMBER: PCT/JP98/02171
18 <151> PRIOR FILING DATE: 1998-05-18
20 <160> NUMBER OF SEQ ID NOS: 4
22 <170> SOFTWARE: FastSEQ for Windows Version 3.0

ERRORED SEQUENCES

266 <210> SEQ ID NO: 3
267 <211> LENGTH 0? 2171 shown (bottom of page 3)
268 <212> TYPE: DNA
269 <213> ORGANISM: Human
271 <220> FEATURE:
272 <221> NAME/KEY: CDS
273 <222> LOCATION: (268)...(1956)

275 <400> SEQUENCE: 3
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278 gcagctcgga ctgagctccc ggagcaacc agctgcggag gcaacggcag tgctgtcct 180
279 ccagcgaagg acagcaggca ggcagacaga cagaggtcct gggactggaa ggcctcagcc 240
280 cccagccact gggctgggcc tggccca atg gcc ttt aat gac ctc ctg cag cag 294
281 Met Ala Phe Asn Asp Leu Leu Gln Gln
282 1 5
284 gtg ggg ggt gtc ggc cgc ttc cag cag atc cag gtc acc ctg gtg gtc 342
285 Val Gly Gly Val Gly Arg Phe Gln Gln Ile Gln Val Thr Leu Val Val
286 10 15 20 25
288 ctc ccc ctg ctc ctg atg gct tct cac aac acc ctg cag aac ttc act 390
289 Leu Pro Leu Leu Leu Met Ala Ser His Asn Thr Leu Gln Asn Phe Thr
290 30 35 40
292 gct gcc atc cct acc cac cac tgc cgc ccg cct gcc gat gcc aac ctc 438
293 Ala Ala Ile Pro Thr His His Cys Arg Pro Pro Ala Asp Ala Asn Leu
294 45 50 55
296 agc aag aac ggg ggg ctg gag gtc tgg ctg ccc cgg gac agg cag ggg 486
297 Ser Lys Asn Gly Gly Leu Glu Val Trp Leu Pro Arg Asp Arg Gln Gly

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/424,347A

DATE: 05/29/2002
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Output Set: N:\CRF3\05292002\I424347A.raw

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301	Gln Pro Glu Ser Cys Leu Arg Phe Thr Ser Pro Gln Trp Gly Leu Pro			
302	75	80	85	582
304	ttt ctc aat ggc aca gaa gcc aat ggc aca ggg gcc aca gag ccc tgc			
305	Phe Leu Asn Gly Thr Glu Ala Asn Gly Thr Gly Ala Thr Glu Pro Cys			
306	90	95	100	105
308	acc gat ggc tgg atc tat gac aac agc acc ttc cca tct acc atc gtg			630
309	Thr Asp Gly Trp Ile Tyr Asp Asn Ser Thr Phe Pro Ser Thr Ile Val			
310	110	115	120	
312	act gag tgg gac ctt gtg tgc tct cac agg gcc cta cgc cag ctg gcc			678
313	Thr Glu Trp Asp Leu Val Cys Ser His Arg Ala Leu Arg Gln Leu Ala			
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316	cag tcc ttg tac atg gtg ggg gtg ctg ctc gga gcc atg gtg ttc ggc			726
317	Gln Ser Leu Tyr Met Val Gly Val Leu Leu Gly Ala Met Val Phe Gly			
318	140	145	150	
320	tac ctt gca gac agg cta ggc cgc cgg aag gta ctc atc ttg aac tac			774
321	Tyr Leu Ala Asp Arg Leu Gly Arg Arg Lys Val Leu Ile Leu Asn Tyr			
322	155	160	165	
324	ctg cag aca gct gtg tca ggg acc tgc gca gcc ttc gca ccc aac ttc			822
325	Leu Gln Thr Ala Val Ser Gly Thr Cys Ala Phe Ala Pro Asn Phe			
326	170	175	180	
328	ccc atc tac tgc gcc ttc cgg ctc ctc tcg ggc atg gct ctg gct ggc			870
329	Pro Ile Tyr Cys Ala Phe Arg Leu Leu Ser Gly Met Ala Leu Ala Gly			
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332	atc tcc ctc aac tgc atg aca ctg aat gtg gag tgg atg ccc att cac			918
333	Ile Ser Leu Asn Cys Met Thr Leu Asn Val Glu Trp Met Pro Ile His			
334	205	210	215	
336	aca cgg gcc tgc gtg ggc acc ttg att ggc tat gtc tac agc ctg ggc			966
337	Thr Arg Ala Cys Val Gly Thr Leu Ile Gly Tyr Val Tyr Ser Leu Gly			
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340	cag ttc ctc ctg gct ggt gtg gcc tac gct gtg ccc cac tgg cgc cac			1014
341	Gln Phe Leu Leu Ala Gly Val Ala Tyr Ala Val Pro His Trp Arg His			
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344	ctg cag cta ctg gtc tct gcg cct ttt ttt gcc ttc ttc atc tac tcc			1062
345	Leu Gln Leu Leu Val Ser Ala Pro Phe Phe Ala Phe Phe Ile Tyr Ser			
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348	tgg ttc ttc att gag tcg gcc cgc tgg cac tcc tcc tcc ggg agg ctg			1110
349	Trp Phe Phe Ile Glu Ser Ala Arg Trp His Ser Ser Ser Gly Arg Leu			
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352	gac ctc acc ctg agg gcc ctg cag aga gtc gcc cgg atc aat ggg aag			1158
353	Asp Leu Thr Leu Arg Ala Leu Gln Arg Val Ala Arg Ile Asn Gly Lys			
354	285	290	295	
356	cgg gaa gaa gga gcc aaa ttg agt atg gag gta ctc cgg gcc agt ctg			1206
357	Arg Glu Glu Gly Ala Lys Leu Ser Met Glu Val Leu Arg Ala Ser Leu			
358	300	305	310	
360	cag aag gag ctg acc atg ggc aaa ggc cag gca tcg gcc atg gag ctg			1254
361	Gln Lys Glu Leu Thr Met Gly Lys Gly Gln Ala Ser Ala Met Glu Leu			
362	315	320	325	

RAW SEQUENCE LISTING

DATE: 05/29/2002

PATENT APPLICATION: US/09/424,347A

TIME: 16:32:18

Input Set : A:\49429seq.txt

Output Set: N:\CRF3\05292002\I424347A.raw

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365 Leu Arg Cys Pro Thr Leu Arg His Leu Phe Leu Cys Leu Ser Met Leu
366 330 335 340 345
368 tgg ttt gcc act agc ttt gca tac tat ggg ctg gtc atg gac ctg cag 1350
369 Trp Phe Ala Thr Ser Phe Ala Tyr Tyr Gly Leu Val Met Asp Leu Gln
370 350 360
372 ggc ttt gga gtc agc atc tac cta atc cag gtg atc ttt ggt gct gtg 1398
373 Gly Phe Gly Val Ser Ile Tyr Leu Ile Gln Val Ile Phe Gly Ala Val
374 365 370 375
376 gac ctg cct gcc aag ctt gtg ggc ttc ctt gtc atc aac tcc ctg ggt 1446
377 Asp Leu Pro Ala Lys Leu Val Gly Phe Leu Val Ile Asn Ser Leu Gly
378 380 385 390
380 cgc cgg cct gcc cag atg gct gca ctg ctg ctg gca ggc atc tgc atc 1494
381 Arg Arg Pro Ala Gln Met Ala Ala Leu Leu Leu Ala Gly Ile Cys Ile
382 395 400 405
384 ctg ctc aat ggg gtg ata ccc cag gac cag tcc att gtc cga acc tct 1542
385 Leu Leu Asn Gly Val Ile Pro Gln Asp Gln Ser Ile Val Arg Thr Ser
386 410 415 420 425
388 ctt gct gtg ctg ggg aag ggt tgt ctg gct gcc tcc ttc aac tgc atc 1590
389 Leu Ala Val Leu Gly Lys Gly Cys Leu Ala Ala Ser Phe Asn Cys Ile
390 430 435 440
392 ttc ctg tat act ggg gaa ctg tat ccc aca atg atc cgg cag aca ggc 1638
393 Phe Leu Tyr Thr Gly Glu Leu Tyr Pro Thr Met Ile Arg Gln Thr Gly
394 445 450 455
396 atg gga atg ggc agc acc atg gcc cga gtg ggc agc atc gtg agc cca 1686
397 Met Gly Met Gly Ser Thr Met Ala Arg Val Gly Ser Ile Val Ser Pro
398 460 465 470
400 ctg gtg agc atg act gcc gag ctc tac ccc tcc atg cct ctc ttc atc 1734
401 Leu Val Ser Met Thr Ala Glu Leu Tyr Pro Ser Met Pro Leu Phe Ile
402 475 480 485
404 tac ggt gct gtt cct gtg gcc gcc agc gct gtc act gtc ctc ctg cca 1782
405 Tyr Gly Ala Val Pro Val Ala Ala Ser Ala Val Thr Val Leu Leu Pro
406 490 495 500 505
408 gag acc ctg ggc cag cca ctg cca gac acg gtg cag gac ctg gag agc 1830
409 Glu Thr Leu Gly Gln Pro Leu Pro Asp Thr Val Gln Asp Leu Glu Ser
410 510 515 520
412 agg tgg gcc ccc act cag aaa gaa gca ggg ata tat ccc agg aaa ggg 1878
413 Arg Trp Ala Pro Thr Gln Lys Glu Ala Gly Ile Tyr Pro Arg Lys Gly
414 525 530 535
416 aaa cag acg cga cag caa caa gag cac cag aag tat atg gtc cca ctg 1926
417 Lys Gln Thr Arg Gln Gln Gln Glu His Gln Lys Tyr Met Val Pro Leu
418 540 545 550
420 cag gcc tca gca caa gag aag aat gga ctc tgaggactga gaaggggect 1976
421 Gln Ala Ser Ala Gln Glu Lys Asn Gly Leu
422 555 560
424 tacagaaccc taaagggagg gaaggtccta caggtctccg gccacccaca caaggaggag 2036
425 gaagaggaaa tggtagccca agtggtgggg ttgtggttca ggaaagcatc ttcccagggg 2096
426 tccacctccc ttataaaacc ccaccagaac cacatcatta aaaggtttga ctgcgaaaaa 2156
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/424,347A

DATE: 05/29/2002

TIME: 16:32:19

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Output Set: N:\CRF3\05292002\I424347A.raw

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